

REMARKS

Reconsideration and allowance of this application are respectfully requested in view of the above amendments and the discussion below.

Applicants invention concerns a coil arrangement and method providing a compact coil for an electric machine in which the conductor is wound with a number of turns arranged one above another in a plurality of layers. The turns in the first layer are arranged alongside one another and the turns in the second layer are inclined through a predetermined inclination angle with respect to the turns in the first layer at a predetermined point and are arranged parallel alongside one another. In the apparatus claim 1, as amended, the inclination angle is inclined at least one pitch width while in the method claim, the predetermined bending angle is formed before the second plurality of turns in wound on the coil former.

Claims 1-2, 4-9 and 11-12 were rejected under 35 U.S.C. 102 as anticipated by the reference to Van Der Hoek et al. U.S. Patent No. 2,930,014 for the reasons indicated at item 4 on page 2 and 3 of the patent Office Action. According to the statement of the rejection, the reference has a plurality of turns 6-10 positioned above the plurality of turns 1-7 (presumably 5) of the first layer and the turns in the first layer are parallel to one another with the turns of the second layer being inclined at item 26 wherein inclination angle being less than 1 pitch.

In response to this rejection Applicants have amended independent claim 1 to incorporate the subject matter of dependent claim 2 which requires that the inclination angle be such that each turn in the second layer is inclined by at least

one pitch width. Thus, in accordance with the indication and the showing of the reference '014, independent claim 1 now defines over the reference because it recites that the inclination angle is such that the second layer is inclined by at least one pitch width.

Additionally claim 7 has been amended so that it recites the step of bending the electrically conductor through a predetermined bending angle at a predetermined point before said second plurality of turns is wound on said coil former.

Clearly the reference to Van Der Hoek et al. has a mandrel structural wherein the fixed flange 25 and the flanged 27 axially move over the wounding mandrel to constitute a wounding device so that there is no predetermined bending angle before the plurality of turns are wound on the coil former as is required by independent amended claim 7.

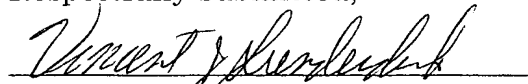
Therefore in view of the distinguishing features between the claimed invention and the references which features are not shown or disclosed by the reference, Applicants respectfully request that this application be allowed and be passed to issue.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #095309.50897US).

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Respectfully submitted,



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